

# Specs 206B-3 : Details

<b>Weights</b>	<b>LBS</b>	<b>KG</b>
Standard Configuration Weight*	1,708	775
Internal Gross Weight	3,200	1,451
External Load Gross Weight	3,350	1,519
Standard Configuration Useful Load(Gross Weight-Standard Configuration)	1,492	677
Maximum External Load(Cargo Hook Limit)	1,500	680

\*Includes 12 lbs (5.4 kg) of engine oil. Ballast is not included in standard configuration weight (ballast is a function of installed equipment)

<b>Takeoff Gross Weight (English Units)</b>		<b>LBS</b>	<b>2,600</b>	<b>3,000</b>	<b>3,200</b>
IGE Hovering Ceiling (2 ft skid height)	ISA	ft	19,600	15,200	13,200
	ISA+20C	ft	16,800	12,300	10,200
OGE Hovering Ceiling	ISA	ft	14,900	10,300	5,300
	ISA+20C	ft	11,800	7,200	3,000
Certificated Altitude	ISA	ft	20,000	20,000	13,500
Service Ceiling (MCP) 100 ft/min	ISA	ft	20,000+	18,200	13,500
Sea Level Max R/C (TOP)	ISA	ft/min	2,080	1,540	1,280
Maximum Allowable IAS	ISA,SL	kn	130	130	122
	ISA, 5,000 ft	kn	124	124	108
MCP Speed @ Takeoff GW	ISA, SL	kn	121	118	115
	ISA 5,000 ft	kn	128	122	115
Range/LRC Speed @ Avg. GW, Full Fuel	ISA, SL	nm	389	382	374
	ISA, 5,000 ft	nm	435	412	395
Endurance, (No Reserve) @ Loiter 52 kn	ISA, SL	hr			4.5
<b>Takeoff Gross Weight (Metric Units)</b>		<b>KG</b>	<b>1,179</b>	<b>1,361</b>	<b>1,451</b>
IGE Hovering Ceiling (2 ft skid height)	ISA	M	5,974	4,633	4,023
	ISA+20C	M	5,121	3,749	3,109
OGE Hovering Ceiling	ISA	M	4,542	3,139	1,615
	ISA+20C	M	3,597	2,195	914
Certificated Altitude	ISA	M	6,096	6,096	4,115
Service Ceiling (MCP) 100 ft/min	ISA	M	6,096+	5,547	4,115
Sea Level Max R/C (TOP)	ISA	M/S	10.6	7.8	6.5
Maximum Allowable IAS	ISA,SL	km/h	241	241	226
	ISA, 1,524 M	km/h	230	230	200
MCP Speed @ Takeoff GW	ISA, SL	km/h	224	219	213
	ISA, 1,524 M	km/h	237	226	213
Range/LRC Speed @ Avg. GW, Full Fuel	ISA, SL	km	721	708	693
	ISA, 1,524 M	km	806	764	732
Endurance, (No Reserve) @ Loiter 52 kn	ISA, SL	hr			4.5

<b>Engine Power Ratings:(Standard Rolls-Royce 250-C20J) Uninstalled Mechanical Rating</b>	<b>English Units</b>	<b>Metric Units</b>
Takeoff	420 SHP	313 kW
Maximum Continuous	370 SHP	276 kW

<b>Transmission Rating:</b>		
Takeoff	317 SHP	236 kW
Maximum Continuous	270 SHP	201 kW

<b>Fuel:</b>		
Type		Aviation Turbine
Capacity (Usable)	91 Gallons	344Liters